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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

2024.45

First Inventor

Boil Pashmakov

Title

PHASE-CHANGE MEMORY ELEMENT
AND METHOD OF STORING DATA THEREIN

Express Mail Label No.

ER123844 11305

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 28]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
5. Oath or Declaration [Total Sheets 2]
a. ☒ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
name in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ Paper
c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☐ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 10/252,628.....

Prior application information:

Examiner Huan Hoang

Art Unit: 2818

For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The Incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number: OR ☒ Correspondence address below

| | | | |
|-------------------|---|-----------------------------------|-----------------|
| Name | Philip H. Schlazer | | |
| Address | Energy Conversion Devices, Inc. 2956 Waterview Drive | | |
| City | Rochester Hills | State | Michigan |
| Country | USA | Telephone | 248 293-0440 |
| | | Fax | 248 844-2273 |
| Name (Print/Type) | Philip H. Schlazer | Registration No. (Attorney/Agent) | 42,127 |
| Signature | <i>Philip H. Schlazer</i> | Date | January 9, 2004 |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1186

C mplete if Known

| | |
|----------------------|----------------|
| Application Number | unknown |
| Filing Date | unknown |
| First Named Inventor | Boil Pashmakov |
| Examiner Name | unknown |
| Art Unit | unknown |
| Attorney Docket No. | 2024.45 |

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit Account Number 05-1068

Deposit Account Name Energy Conversion Devices

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|------------------------|-----------|
| 1001 770 | 2001 385 | Utility filing fee | 770 |
| 1002 340 | 2002 170 | Design filing fee | |
| 1003 530 | 2003 265 | Plant filing fee | |
| 1004 770 | 2004 385 | Reissue filing fee | |
| 1005 160 | 2005 80 | Provisional filing fee | |
| SUBTOTAL (1) | | | (\$) 770 |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 24 | -20** = 4 | 18 | 72 |
| Independent Claims | -3** = 4 | 86 | 344 |
| Multiple Dependent | | | |

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description |
|----------------------------|----------------------------|--|
| 1202 18 | 2202 9 | Claims in excess of 20 |
| 1201 86 | 2201 43 | Independent claims in excess of 3 |
| 1203 290 | 2203 145 | Multiple dependent claim, if not paid |
| 1204 86 | 2204 43 | ** Reissue independent claims over original patent |
| 1205 18 | 2205 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 416

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

| Fee Code (\$) | Fee Code (\$) | Fee Code (\$) | Fee Code (\$) | Fee Description | Fee Paid |
|---------------|---------------|---------------------|---------------|--|----------|
| 1051 130 | 2051 65 | 1052 50 | 2052 25 | Surcharge - late filing fee or oath | |
| 1053 130 | 1053 130 | 1812 2,520 | 1812 2,520 | Surcharge - late provisional filing fee or cover sheet | |
| 1804 920* | 1804 920* | 1805 1,840* | 1805 1,840* | Non-English specification | |
| 1251 110 | 2251 55 | 1252 420 | 2252 210 | For filing a request for <i>ex parte</i> reexamination | |
| 1253 950 | 2253 475 | 1254 1,480 | 2254 740 | Requesting publication of SIR prior to Examiner action | |
| 1255 2,010 | 2255 1,005 | 1401 330 | 2401 165 | Requesting publication of SIR after Examiner action | |
| 1402 330 | 2402 165 | 1403 290 | 2403 145 | Extension for reply within first month | |
| 1451 1,510 | 1451 1,510 | 1452 110 | 2452 55 | Extension for reply within second month | |
| 1453 1,330 | 2453 665 | 1501 1,330 | 2501 665 | Extension for reply within third month | |
| 1502 480 | 2502 240 | 1503 640 | 2503 320 | Extension for reply within fourth month | |
| 1460 130 | 1460 130 | 1807 50 | 1807 50 | Extension for reply within fifth month | |
| 1806 180 | 1806 180 | 8021 40 | 8021 40 | Notice of Appeal | |
| 1809 770 | 2809 385 | 1810 770 | 2810 385 | Filing a brief in support of an appeal | |
| 1801 770 | 2801 385 | 1802 900 | 1802 900 | Request for oral hearing | |
| 1802 900 | 1802 900 | Other fee (specify) | | | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0

SUBMITTED BY

Name (Print/Type) Philip H. Schlazer

Registration No. 42,127
(Attorney/Agent)

(Complete (if applicable))

Telephone 248 293-0440

Signature

Date 01/09/04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Our Reference: 2024.45

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Pashmakov

Application Number: unknown

Filing Date: unknown

Art Unit/Examiner: unknown

Title: PHASE-CHANGE MEMORY ELEMENT AND METHOD OF STORING DATA
THEREIN

CERTIFICATE OF MAILING BY EXPRESS MAIL UNDER 37 CFR 1.10

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

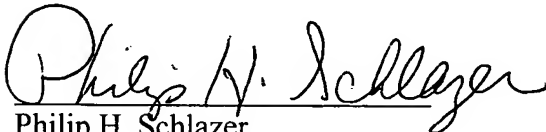
Enclosed in this correspondence is:

1. new utility patent application
-specification, claims and abstract on 28 pages, 5 sheets of drawings
2. utility patent application transmittal
3. fee transmittal for FY 2004 and copy thereof

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to:

Attention: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

on 01/09/04 using Express Mail Label Number ER12384411305



Philip H. Schlazer

Reg. No. 42,127

Date: 01/04/09

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ER12384411305